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PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]
**PETROVKA SHIPYARD
PETROVKA, USSR**

Declass Review by NIMA/DOD

[REDACTED]
DECEMBER 1965

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PETROVKA SHIPYARD, PETROVKA, USSR

INTRODUCTION

Petrovka Shipyard is located at 43-07N 132-20E on a small bay along the eastern shore of Ussuriyskiy Bay, 2.7 nautical miles (nm) south-west of the village of Petrovka and immediately northwest of Bolshoy Kamen (Figure 1).

DESCRIPTION

This shipyard (Figure 2) is the delivery and repair base for nuclear submarines as well as a repair yard for conventional submarines and surface vessels of the Pacific Ocean Fleet. The yard was observed in an early stage of construction in [] (Figure 3) and became operational as a fitting-out and repair yard after [] (Figure 4).

The ultimate extent and configuration of the yard cannot be determined in detail due to the

considerable amount of construction currently in progress.

FACILITIES

Facilities in the shipyard and support areas (Figure 2) include a ship repair and fitting-out facility, a shipyard support area, a probable engineering area under construction, an unidentified processing area, a possible nuclear submarine special support facility, and housing and storage areas. The yard is secured by a perimeter wall with interior walls separating the various yard areas.

Ship Repair and Fitting-out Facility

The ship repair facility contains a wet dock, a transverse and 5 lighted repairways. A vessel size limit of 425 feet length overall (LOA) is im-

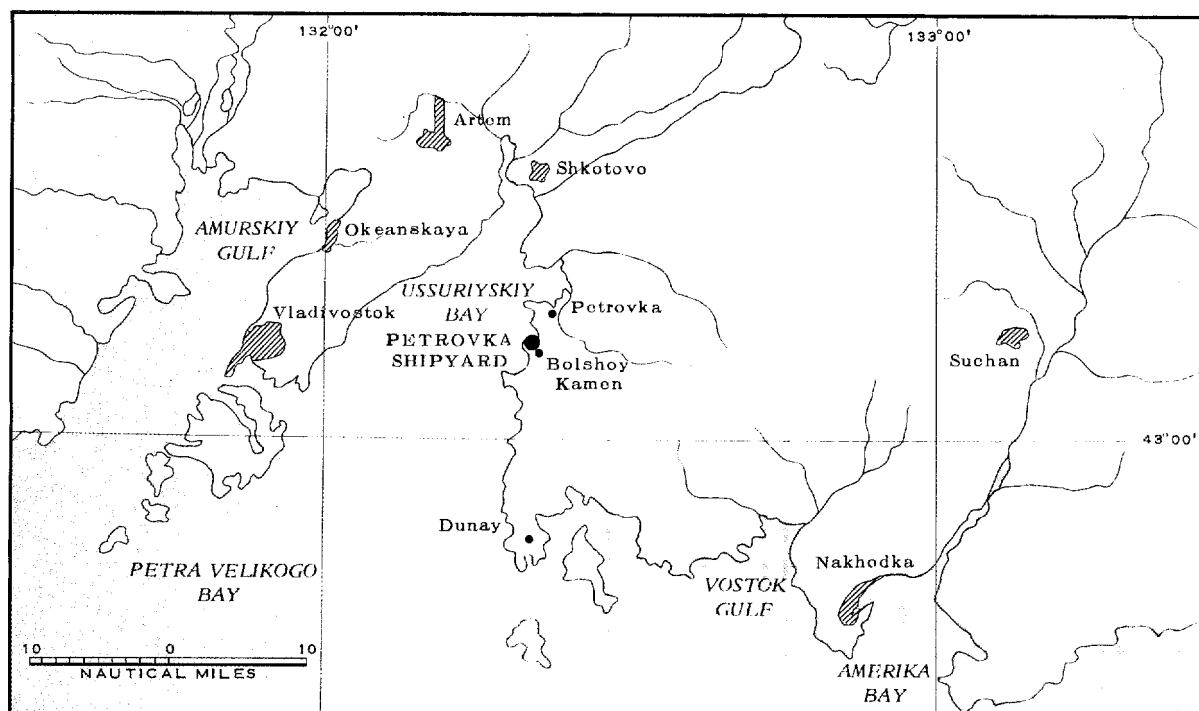


FIGURE 1. GENERAL LOCATION MAP.

posed by the wet dock, although the repairways are more than 600 feet long. Three portal cranes serve the repairways. This facility also contains 1 single-bay and 5 multibay monitor-roof fabrication buildings, 3 of which have overhead steam service and 1 of which has internal rail facilities. A steamplant, a thermal powerplant with a transformer yard, a light engineering building, a water tower and several small shop buildings complete this area.

The fitting-out facility consists of a mole containing an arched-roof building (wall-secured), a rail-served pier with 1 portal crane, a rail-served quay with 1 portal crane, 2 pontoon piers and several small shops. Security measures in the fitting-out facility include controlled access to piers and mole.

Shipyard Support Area

This walled area dominates the southern sector of the bay and is rail served. A coal-fired steamplant provides overhead steam service to a large storage building and a large concrete batch plant. Two crane yards served by 3 gantry cranes are located behind a quay. Several rail-served storage buildings are located in this area. Open storage is scattered throughout the area and fluctuates from moderate to high density at various seasons of the year. A walled vehicle/equipment park with associated maintenance buildings is located on the south edge of this support area.

Probable Engineering Area

A new quay under construction will form the west edge of this area. A multibay fabrication building and a light engineering building are located behind the quay. Two light engineering buildings occupy a walled area on the southwest corner of the area. A coal-fired steamplant, 3 POL tanks and 3 administrative buildings comprise the remainder of this area. Ample fill area remains for further construction and a large concrete batch plant located immediately north of the railroad appears to be in operation.

Unidentified Processing Area

This unsecured area consists of a multistory processing building, approximately 9 small buildings and a coal-fired steamplant. An underground reservoir is located on top of a small knoll to the northwest with a buried pipeline leading down to the processing building.

Housing Area

The billeting area consists of 10 single dwellings, 65 multiple dwellings and 57 four-story barracks-type buildings. Two coal-fired steam heating plants, 3 administration-type buildings, an auditorium, a motor pool and numerous small storage/service buildings complete the area. A probable communications site consisting of 1 building, 4 masts, and a probable sleeve antenna is located on the southeast edge of the housing area.

Storage Areas

The primary storage area consists of 72 small road-served storage buildings, a steamplant, and a motor pool. Two secured areas are located near the northeast extremity of this storage area. The first, double secured with a fence and a wall, contains 13 storage buildings and 1 bunkered storage structure. Four support buildings are located outside the security perimeter of this area. The second secured area is under construction, is enclosed by a wall and has an interior walled section containing 1 administration-type building. The remaining portion contains 6 probable storage-type buildings and 2 small support buildings.

Possible Nuclear Submarine Special Support Facility

This facility (Figures 5 and 6), located approximately 0.7 nm north-northwest of the shipyard on a land fill area, is under construction and has been identified through its resemblance to the probable nuclear submarine special support facility at Severodvinsk Shipyard 402 (BE No [redacted] which services the Northern Sea Fleet. The Petrovka facility is approximately 12 to 15 months behind the Severodvinsk facility in construction progress. Construction and configu-

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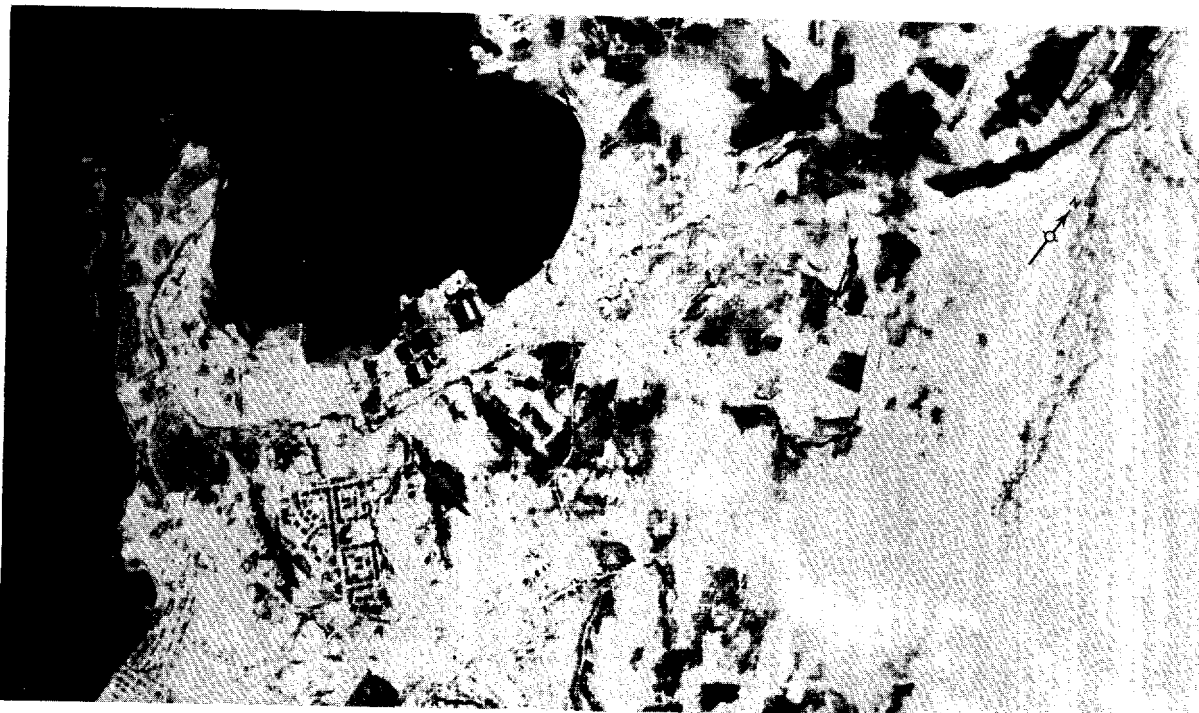


FIGURE 3. PETROVKA SHIPYARD, PETROVKA, USSR,

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FIGURE 4. PETROVKA SHIPYARD, PETROVKA, USSR,

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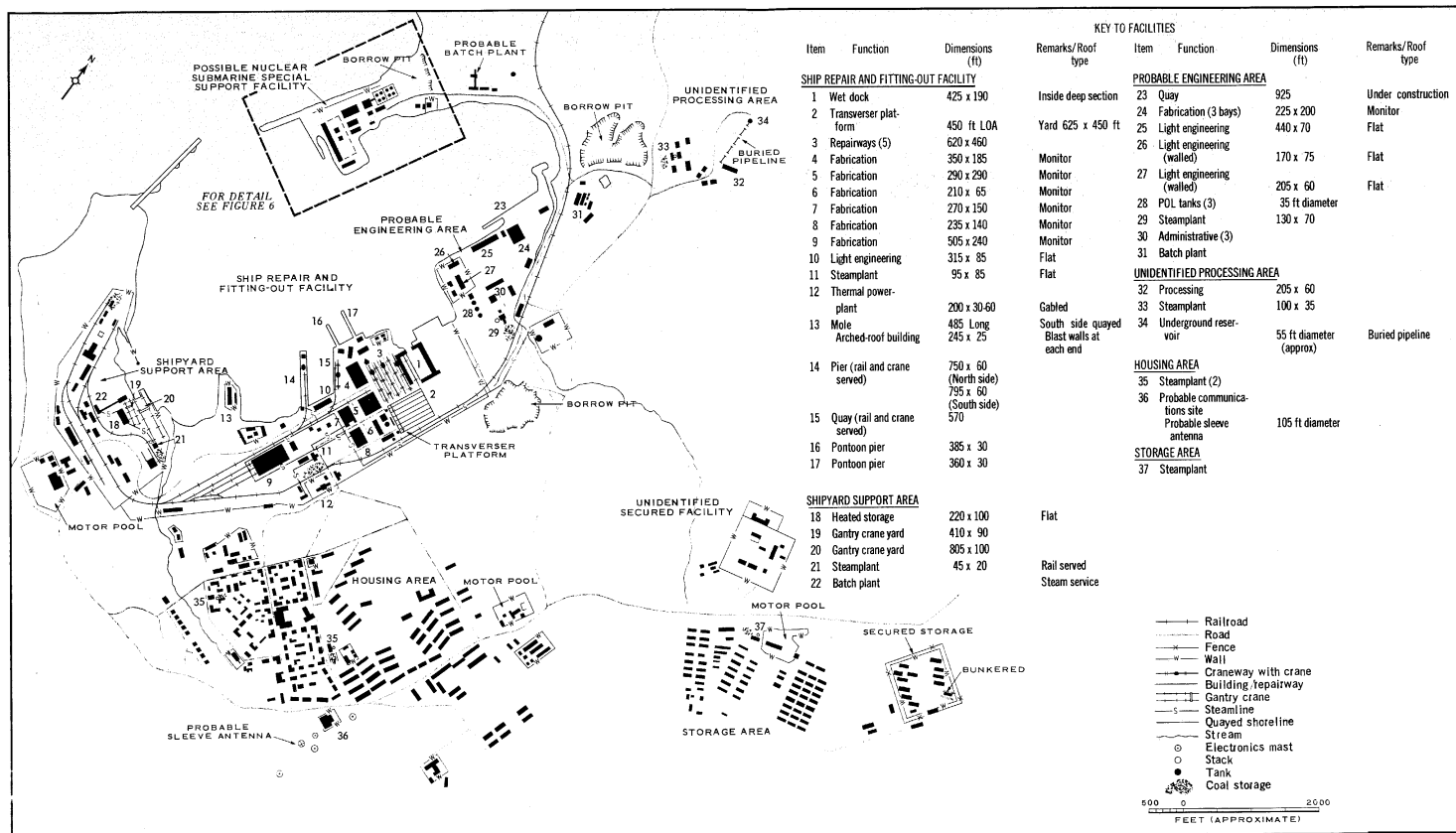


FIGURE 2. PETROVKA SHIPYARD, PETROVKA, USSR.

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ration of most of the buildings at this facility are indential to those at Severodvinsk.

The facility consists of 1 main building, 3 probable processing buildings, 1 probable laboratory building, 2 support buildings and a structure with foundations/bases for 8 large tanks. A quay is under construction to provide berthing parallel to the main building. The facility is not rail served and there is no steam supply, although rail and steam service may be extended from existing service in the yard.

The large main building has 1 side completed and this section is a complete building in itself resembling an administrative building. Two large

unidentified structures are located inside the larger section and may possibly form separate compartments within the building when completed.

One of the processing buildings is compartmentalized by very heavy internal walls. Another of the processing buildings has foundations for small tanks to be self contained and compartmentalized. The third processing building is completed, and cross hatched by numerous walls. The 8 possible foundations/bases for the large tanks are contained in a massively walled structure which is divided into 2 compartments each containing 4 possible tank foundations/bases, each varying in height.

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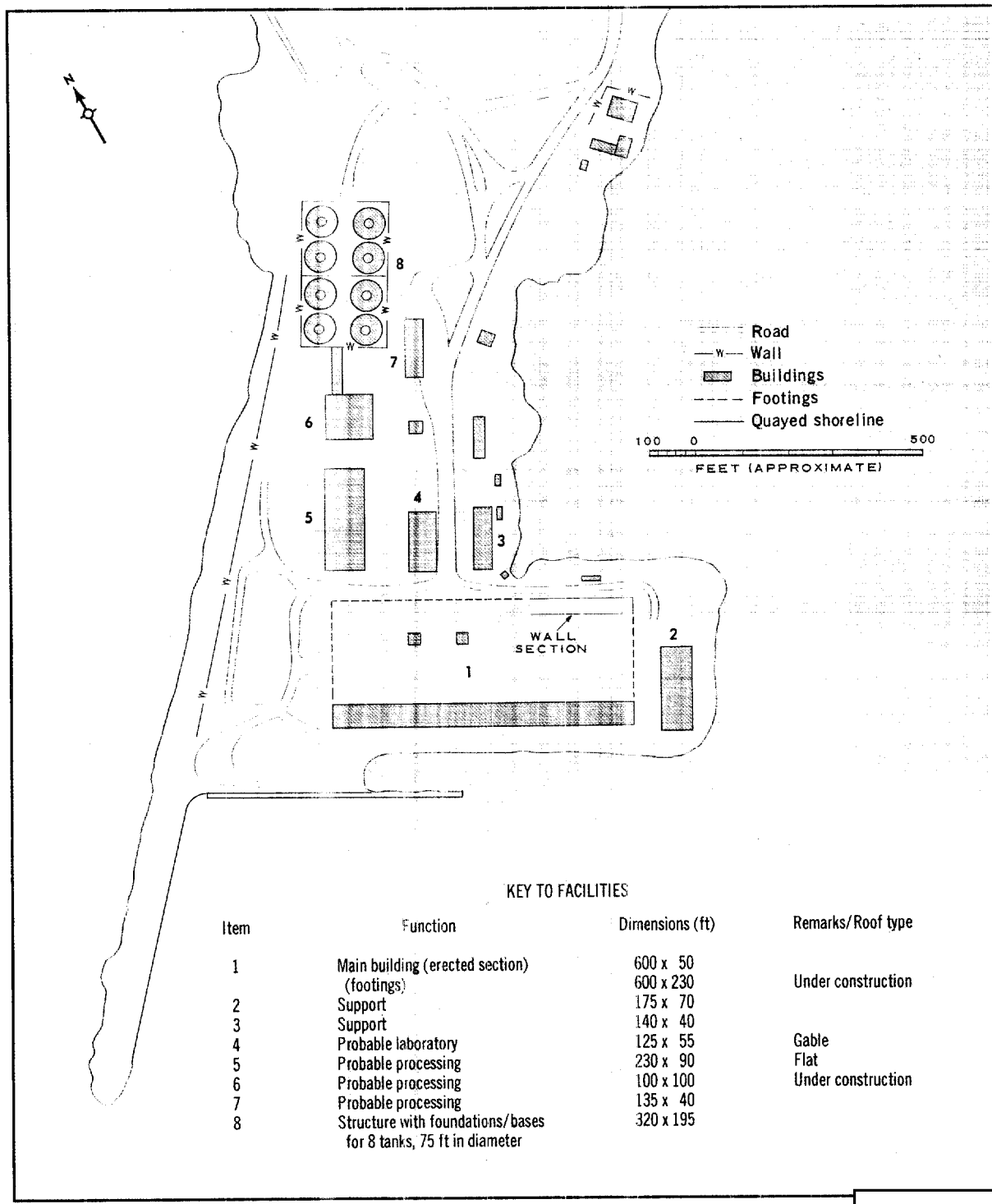


FIGURE 6. PROBABLE NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY, PETROVKA SHIPYARD, PETROVKA, USSR.

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REFERENCES

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MAPS

ACIC. US Air Target Chart, Series 200, Sheet 0291-6HL, 3d ed, Jan 63 (SECRET)

DOCUMENT

NPIC/R-268/64, *Petrovka Shipyard, Petrovka, USSR*, May 64 (TOP SECRET)

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REQUIREMENT

NSA/P0432/R-75/65

NPIC PROJECT

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